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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/542,579	07/15/2005	Scott Eugene Conner	X16180	5335
25885 7590 04/21/2008 ELI LILLY & COMPANY PATENT DIVISION P.O. BOX 6288 INDIANAPOLIS, IN 46206-6288				
EXAMINER OSULLIVAN, PETER G				
ART UNIT 1621		PAPER NUMBER		
NOTIFICATION DATE 04/21/2008		DELIVERY MODE ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@lilly.com

# Office Action Summary

**Application No.**

10/542,579

**Applicant(s)**

CONNER ET AL.

**Examiner**

Peter G. O'Sullivan

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14, 17-25 and 34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-14, 17-25, and 34 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/CDC)
- 4) ☐ Interview Summary (PTO-413)
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_
- Paper No(s)/Mail Date \_\_\_\_

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Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises morpholine.

Group II, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises pyridazine, but not belonging to above groups.

Group III, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises pyrimidine, but not belonging to above groups.

Group IV, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises quinoline, but not belonging to above groups.

Group V, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises pyridine, but not belonging to above groups.

Group VI, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises thiazole, but not belonging to above groups.

Group VII, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises oxazole, but not belonging to above groups.

Group VIII, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises pyrazole, but not belonging to above groups.

Group IX, claim(s) 1-14, 17, 18, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises indane, but not belonging to above groups.

Group X, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises pyrrole, but not belonging to above groups.

Group XI, claim(s) 1-14, 17-25, and 34, drawn to compounds, compositions and methods wherein Z comprises benzothiophene, but not belonging to above groups.

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Group XII, claim(s) 1-14, 17, 18, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises thiophene, but not belonging to above groups.

Group XIII, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises benzodioxane, but not belonging to above groups.

Group XIV, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises benzofuran, but not belonging to above groups.

Group XV, claim(s) 1-15, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z comprises aryl, but not belonging to above groups.

Group XVI, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds, compositions and methods wherein Z is acyclic.

Group XVII, claim(s) 1-14, 17, 21, 24, 25 and 34, drawn to compounds compositions and methods not belonging to any of the above groups.

The inventions listed as Groups I-XVII do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: applicants' compounds wherein Z, X and A may be various groups are so structurally disparate that a reference anticipating one would not necessarily render the others obvious.

Applicants are further required to elect a single disclosed species, **i.e. a single disclosed compound** for examination purposes.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement may be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter G. O'Sullivan whose telephone number is (571)272-0642. The examiner can normally be reached on M-F 8-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Yvonne Eyler can be reached on (571) 272-0871. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Peter G O'Sullivan/

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Primary Examiner, Art Unit 1621